

**AMENDMENTS TO THE SPECIFICATION:**

Please amend the specification as follows:

Amend the paragraph on page 2, lines 8-18 to read as follows:

Further in recent years, an active bending tube is developed which uses shape memory alloys (hereinafter, to be written "SMA"). For example, an active bending tube provided with a MIF (Multi-function Integrated Film) tactile sensor which can be inserted into a blood vessel was reported as "Development of a Microfine Active Bending Catheter equipped with MIF Tactile sensors" by Hironobu Takizawa, and four co-authors, IEEE International MEMS' 99 Conference, January 17, 1999 (hereinafter, referred to as "Non-Patent Reference 1"). In said active bending tube, an SMA wire is buried in a tubule part provided within an outer skin tube, and the tip part is bent by applying a pulse wave of an amplitude of 160V with 20% duty cycle to the SMA wire for driving. In this case, the outer skin temperature by heating the SMA coil was about 80°C.